BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

BYATARAYANAPURA DIVISION

KODIGEHALLI SUB DIVISOIN

Name of the Work : **Providing pipe line to the exesiting borewells in Ward No. 08 Kodigehalli**

Estimated Cost : **12.00 Lakhs**

Job Code : **008-18-000084**

(B)

BRUHATH BANGALORE MAHANAGARA PALIKE

Name of the work:- **Providing pipe line to the existing borewells in Ward no.08 Kodigehalli.**

								Est. Cost Rs.	1200000.00
Sl. N	Description	Unit	Dimensions				Qty.	Rate	Amount
			No	L.	B.	D			
1	KSRB : Earth work excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m. after breaking of clods complete as per specifications.(Page No.5, Item No. 2.4). 2.3								
	Badrappa Layout, Balaji layout, Devinagara, Lottegollahalli &	Cum	1	3350.00	0.45	0.45	678.38	200.34	
							678.38	**299.98**	**203498.93**
	Basic Rate	283.00 ✓		189			✓	✓	✓
	Area Wtg 6%	16.98 ✓							
	Total:-	**299.98** ✓							
2	Supplying PVC ring tight pipes conforming to IS 4985:2000 with latest amendments and conveying to worksite rolling and lowering into trenches laying true line and level and perfect linking at joints testing and commissioning including loading and unloading at both destination and cuts of pipes wherever necessary including jointing of PVC pipes and specials (excluding cost of specials) with jointing of approval type with all labour with all lead and lift including encasing the pipe alround to a depth of not less than 15 cms with soft gravel or selected earth available from the excavation etc., compelte and giving necessary hydraluic test to the required pressure as per IS (Contractor will make his own arrangement for procuring water for testing) (Page no.53, Item no.1(3) BWSSB SR-2014-15)								
		Rmtr	1	3350.00			**3350.00**		
							3350.00	**77.38**	**259223.00**
							✓	✓	✓
3	KSRB : Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m and lift upto 1.5m including cost of all labour complete as per specifications allow 60% of rate considered under item.(Page No.6,Item No. 2.11)								
		Cum	1	3350.00	0.45	0.45	678.38		
							678.38	**80.56**	**54649.89**
	Basic Rate	76.00 ✓					✓	✓	✓
	Area Wtg 6%	4.56 ✓							
	Total:-	**80.56** ✓							

5	KSRB 4 - 1.5 : Providing and laying in position plain cement concrete of mix M 20 with OPC cement @300 kgs, with 20 mm and down size graded granite metal coarse aggregates @ 0.64 cum and fine aggregates @ 0.43 cum with superplastisiser @ 3 lts confirming to IS 9103 - 1999 Reaffirmed - 2008, machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation plinth and cills, including cost of all materials, labour HOM of machinery curing complete as per specifications. Specification No.KBS 4.1, 4.2 (Page No.12, Item No. 4.5)								
		Cum	1	3350.00	0.45	0.075	113.06		
							113.06	**5874.52**	**664187.92**
	Basic Rate	5542.00	✓				✓	✓	✓
	Area Wtg 6%	332.52	✓						
	Total:-	**5874.52**	✓						
6	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement and testing of joints complete (internal work exposed on wall) 20mm nominal OD pipes (Page No.96, Item No. 13.85.2)								
	For Taps	Rmt	105	1.20			126.00		
							126.00	**143.10**	**18030.60**
	Basic Rate	135.00	✓						
	Area Wtg 6%	8.10	✓						
	Total:-	**143.10**	✓						
7	Miscellaneous and unforseen cahrges								409.66
								TOTAL	1200000.00

TECHNICAL SANCTION
Accorded For Rs. Twelve lakhs only/-
Head of A/c. P-171
Div. Ref. No. 13/18-19 Date 04/06/18
AE
SE(DTP)

(Rupees Twelve lakhs only)

CERTIFICATE

1. The above Estimate has been prepared as per PWD Bangalore Circle Schedule of Rates 2016-17 and BWSSB SR 2014-15
2. Certify that the work spot has been inspected by his & prepared the estimate in most economical way of executing the work.
3. The Work Spot comes under BBMP Limits
4. This Estimate is prepared with Essential Provisions

Asst. Engineer
Ward No.8

Asst. Executive Engineer
Kodigehalli Sub Division
BBMP

Executive Engineer
Byatarayanapura Division
Bruhath Bangalore Mahanagara Palike

Administrative Approval
Accorded For Rs 12 lakhs only
Head of A/C. P1802
CER NO : AC/03/18-19 Dt. 08.06.18

TA CE (YNK)

YELAHANKA ZONE

WARD NO 8-KODIGEHALLI